Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022616\
Data File : BG021078.D
Acq On : 26 Feb 2016 14:32
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Feb 26 15:11:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 14:25:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	5521	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	25801	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	16566	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	39815	20.00	ng		0.00
75) Chrysene-d12	21.79	240	47311	20.00	ng		0.00
86) Perylene-d12	25.08	264	44237	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	31379	99.64	ng		0.00
7) Phenol-d6	7.32	99	47436	97.81	ng		0.00
23) Nitrobenzene-d5	9.34	82	54730	124.54	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	21923	110.47	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	127994	107.56	ng		0.00
78) Terphenyl-d14	20.11	244	211018	57.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	7309	89.90	ng		94
3) Pyridine	4.02	79	21210	73.65	ng		93
4) n-Nitrosodimethylamine	3.93	42	10332	87.23	ng		88
6) Aniline	7.50	93	29947	52.37	ng		92
8) 2-Chlorophenol	7.74	128	19500	51.61	ng		92
9) Benzaldehyde	7.31	77	11540	49.20	ng		87
10) Phenol	7.34	94	24909	49.23	ng		78
11) bis(2-Chloroethyl)ether	7.59	93	17809	43.85	ng		93
12) 1,3-Dichlorobenzene	8.07	146	20748	48.49	ng	#	91
13) 1,4-Dichlorobenzene	8.21	146	21649	48.47	ng		91
14) 1,2-Dichlorobenzene	8.53	146	20672	49.83	ng		99
15) Benzyl Alcohol	8.41	79	20978	63.52	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.70	45	20587	30.10	ng		86
17) 2-Methylphenol	8.60	107	17454	50.69	ng	#	87
18) Hexachloroethane	9.27	117	8236	51.35	ng	#	86
19) n-Nitroso-di-n-propylamine	8.98	70	18590	54.48	ng		94
20) 3+4-Methylphenols	8.94	107	24506	51.35	ng		93
22) Acetophenone	9.00	105	36241	60.71	ng	#	97
24) Nitrobenzene	9.38	77	29223	61.29	ng		90
25) Isophorone	9.91	82	51723	57.08	ng	#	95
26) 2-Nitrophenol	10.09	139	12139	57.43	ng	#	58
27) 2,4-Dimethylphenol	10.14	122	20760	54.43	ng		91
28) bis(2-Chloroethoxy)methane	10.38	93	25456	51.99	ng		98
29) 2,4-Dichlorophenol	10.62	162	20553	58.88	ng		97
30) 1,2,4-Trichlorobenzene	10.85	180	22776	60.83	ng		97
31) Naphthalene	11.04	128	65132	48.28	ng		99
32) Benzoic acid	10.29	122	19975	69.24	ng		86
33) 4-Chloroaniline	11.14	127	28589	52.95	ng	#	94
34) Hexachlorobutadiene	11.32	225	16092	77.37	ng		95
35) Caprolactam	11.93	113	6667	48.75	ng	#	86
36) 4-Chloro-3-methylphenol	12.24	107	26133	59.10	ng		93
37) 2-Methylnaphthalene	12.63	142	47219	48.09	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	30461	66.50	ng		98
40) Hexachlorocyclopentadiene	12.97	237	20693	79.80	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	19949	61.27	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	20866	62.45	ng	#	97
45) 1,1'-Biphenyl	13.63	154	69310	48.23	ng		97
46) 2-Chloronaphthalene	13.67	162	53407	53.12	ng		98
47) 2-Nitroaniline	13.86	65	18196	59.98	ng	#	77
48) Acenaphthylene	14.51	152	84130	45.77	ng		98
49) Dimethylphthalate	14.24	163	71246	52.74	ng	#	99
50) 2,6-Dinitrotoluene	14.35	165	15243	55.11	ng	#	78
51) Acenaphthene	14.85	154	56900	53.83	ng		99
52) 3-Nitroaniline	14.68	138	14332	45.11	ng	#	75
53) 2,4-Dinitrophenol	14.88	184	10767	72.21	ng		95
54) Dibenzofuran	15.18	168	71279	47.49	ng		92
55) 4-Nitrophenol	14.96	139	12669	46.25	ng	#	67
56) 2,4-Dinitrotoluene	15.14	165	21619	54.41	ng	#	94
57) Fluorene	15.82	166	69805	49.23	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.39	232	17986	64.38	ng		93
59) Diethylphthalate	15.59	149	74169	50.09	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	37631	57.55	ng		99
61) 4-Nitroaniline	15.84	138	15968	48.00	ng	#	40
62) Azobenzene	16.10	77	64878	50.55	ng		88
64) 4,6-Dinitro-2-methylphenol	15.89	198	15300	63.44	ng		88
65) n-Nitrosodiphenylamine	16.03	169	59987	50.05	ng		90
66) 4-Bromophenyl-phenylether	16.70	248	23932	57.13	ng		95
67) Hexachlorobenzene	16.82	284	25184	54.91	ng		93
68) Atrazine	16.97	200	21686	57.71	ng		97
69) Pentachlorophenol	17.16	266	16962	64.09	ng		95
70) Phenanthrene	17.56	178	106032	47.08	ng		98
71) Anthracene	17.65	178	109430	48.77	ng		99
72) Carbazole	17.91	167	94863	46.91	ng		99
73) Di-n-butylphthalate	18.47	149	126080	51.18	ng	#	98
74) Fluoranthene	19.55	202	133302	58.85	ng		95
76) Benzidine	19.73	184	63960	26.57	ng		99
77) Pyrene	19.92	202	135146	25.00	ng		99
79) Butylbenzylphthalate	20.79	149	56699	29.74	ng	#	97
80) Benzo(a)anthracene	21.77	228	137548	48.48	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	54556	52.08	ng		99
82) Chrysene	21.83	228	131748	49.77	ng		99
83) Bis(2-ethylhexyl)phthalate	21.67	149	86785	41.71	ng		95
84) Di-n-octyl phthalate	22.91	149	145465	49.13	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.84	276	161849	67.99	ng	#	100
87) Benzo(b)fluoranthene	24.03	252	142726	48.94	ng	#	95
88) Benzo(k)fluoranthene	24.10	252	139972	50.87	ng	#	95
89) Benzo(a)pyrene	24.92	252	135977	52.03	ng	#	94
90) Dibenzo(a,h)anthracene	28.91	278	138809	58.98	ng	#	93
91) Benzo(g,h,i)perylene	30.02	276	133056	56.65	ng		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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